

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v5)**

1. Factor the expression  $5x^2 - 36x - 81$

2. Factor the expression  $7x^2 + 29x - 30$

3. Factor the expression  $5x^2 - 27x - 18$

4. Factor the expression  $7x^2 + 30x + 8$

5. Factor the expression  $7x^2 + 15x - 18$

6. Factor the expression  $7x^2 - 6x - 1$

7. Factor the expression  $5x^2 + 6x - 27$

8. Factor the expression  $11x^2 + 23x + 2$

9. Factor the expression  $5x^2 + 19x - 4$

10. Factor the expression  $11x^2 - 38x + 15$